

# 水土保持學報

## Journal of Soil and Water Conservation

第 三十五 卷 第四期  
中華民國九十二年十二月

Vol.35 No.4  
December 2003

### 目 錄 Content

辮狀河川生物棲地之水理及地形因素探討.....王永珍、梁昇	331
Hydraulic and Topographic Factors for Determining Biotic Habitats of Braided River.....	
..... Yung-Jen Wang and Sheng Liang	
結合 HEC-RAS 模式與 GIS 模擬洪災之研究-以筏子溪為例.....	345
.....吳輝龍、謝平城、陳文福、陳瑞宗	
Combining HEC-RAS Model with GIS on Flood Simulation for Far-Tzu Creek.....	
..... H.L.Wu, Ping-Cheng Hsieh, Wen-Fu Chen and Jui-Tsung Chen	
蜿蜒河道橫向構造物配置之研究.....王傳益、張耿偉、施漢鵬	363
Arrangement of Transverse Structures for Meandering Rivers.....	
..... Chuan-Yi Wang, Keng-Wei Chang and Han-Peng Shih	
新式流量量測技術之應用.....鄭皆達、洪浚格、吳輝龍、王傳益	379
Application of a New Technique in Flow Measurement.....	
..... J.D. Cheng, J.G. Hong, H.L.Wu and C.Y. Wang	
以基因演算法優選流量單位歷線.....洪益發、梁昇	393
Optimizing Unit Hydrograph with Genetic Algorithms.....	
..... Yi-Fa Hung and Sheng Liang	
含滓水流對防砂壩下游河道沖淤之試驗研究.....蔡志隆、周良勳、梁大慶	411
Effects of Overflows Resulting from Sediment Deposition behind Check Dams on Downstream	
Scouring and Deposition.....	
.....Chih-Lung Tsai, Liang-Hsiung Chou and Ta-Ching Liang	
應用水生昆蟲科級生物指標(FBI)評估溪流水質之研究.....	425
.....林信輝、李明儒、張世倉、李訓煌	
Stream Water Quality Assessment with Family-Level Biotic Index of Aquatic Insect.....	
..... Shin-Hwei Lin, Ming-Ju Lee, Shih-chang Chang and Hsun-Hwang Lee	